

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061022\  
 Data File : BF128766.D  
 Acq On : 10 Jun 2022 18:46  
 Operator : CG\JU  
 Sample : N3281-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 129

Quant Time: Jun 11 01:27:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 08 14:28:39 2022  
 Response via : Initial Calibration

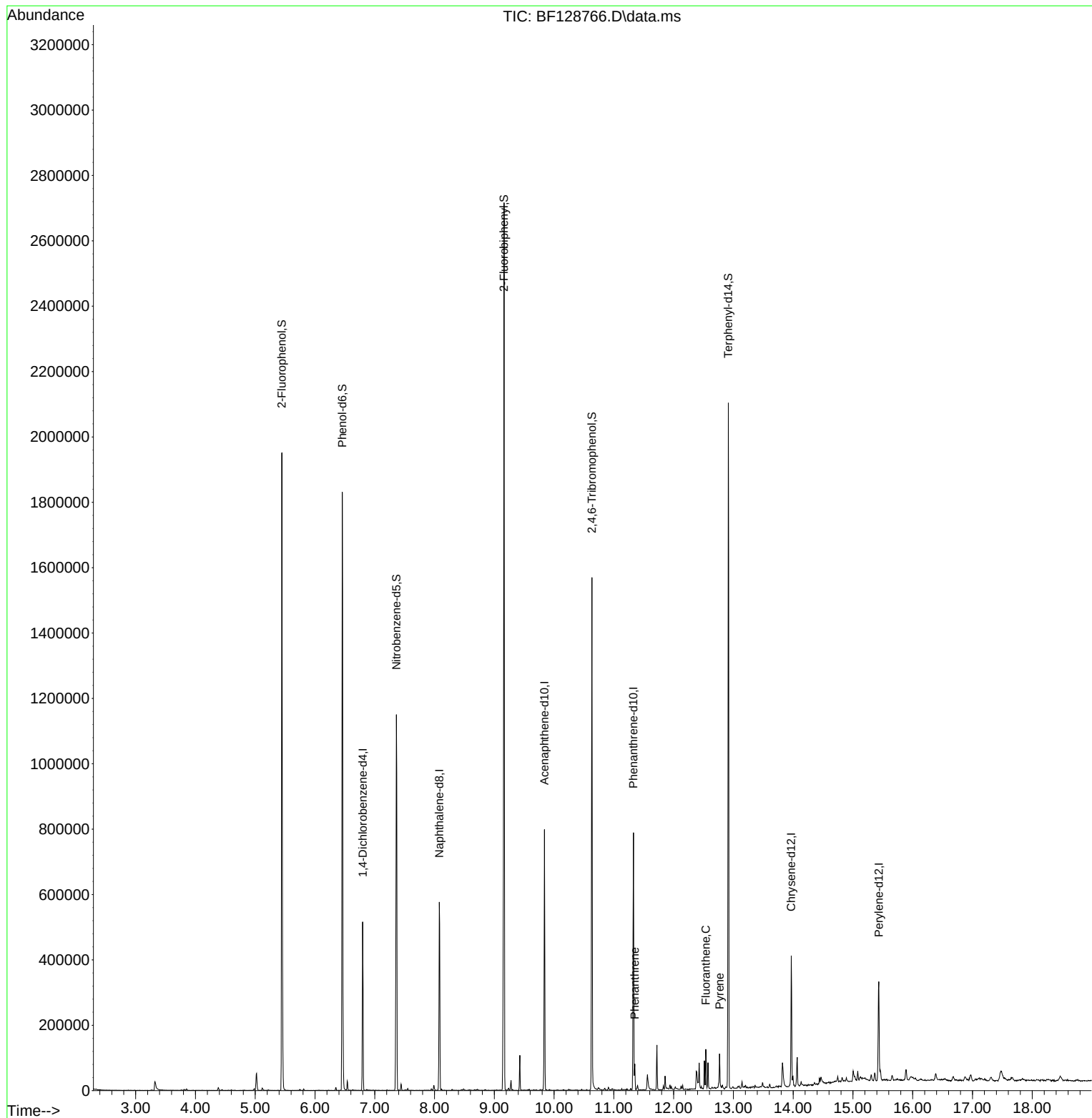
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 64669    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.081  | 136  | 251619   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.839  | 164  | 146601   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.327 | 188  | 255244   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.968 | 240  | 124726   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 15.433 | 264  | 137686   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.445  | 112  | 425763   | 104.868 | ng    | -0.01    |
| 7) Phenol-d6                | 6.457  | 99   | 547178   | 110.409 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.363  | 82   | 388959   | 71.971  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.633 | 330  | 167934   | 96.950  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.163  | 172  | 771791   | 73.746  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.916 | 244  | 698012   | 97.244  | ng    | -0.02    |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 11.351 | 178  | 26553    | 2.074   | ng    | 96       |
| 75) Fluoranthene            | 12.539 | 202  | 44320    | 3.312   | ng    | 96       |
| 78) Pyrene                  | 12.769 | 202  | 39536    | 4.261   | ng    | 99       |
| -----                       |        |      |          |         |       |          |

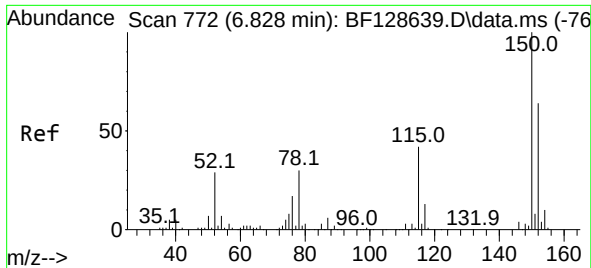
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061022\  
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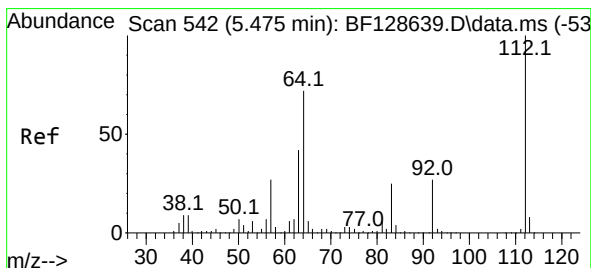
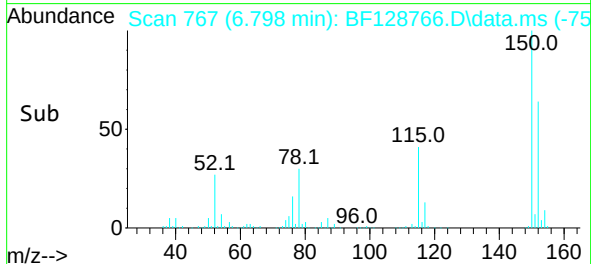
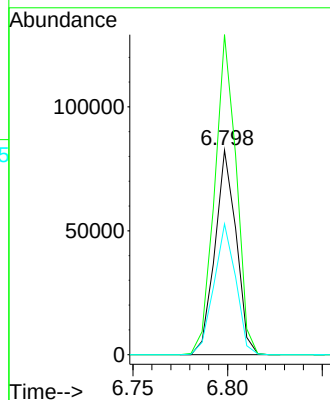
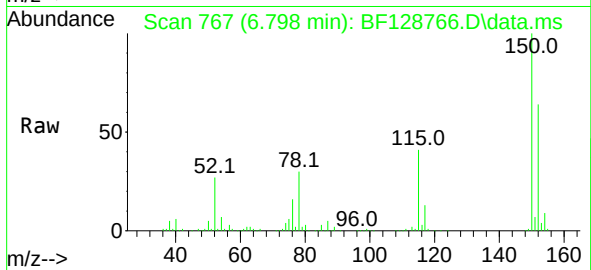




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.798 min Scan# 712  
 Delta R.T. -0.012 min  
 Lab File: BF128766.D  
 Acq: 10 Jun 2022 18:46

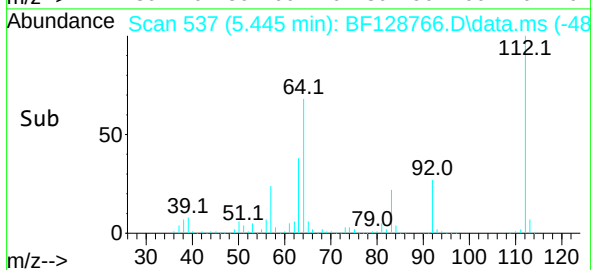
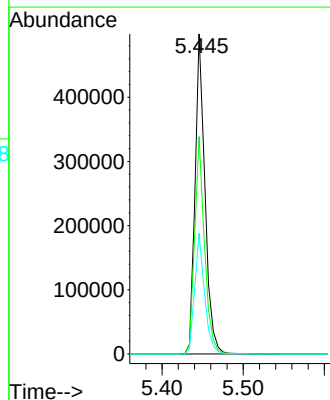
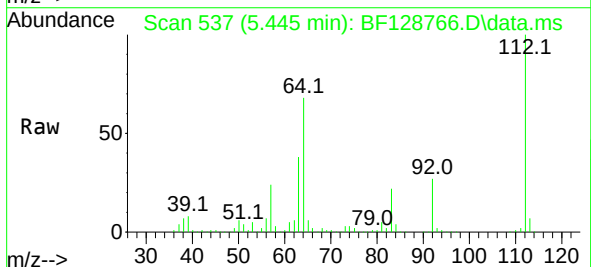
Instrument :  
 BNA\_F  
 ClientSampleId :  
 129

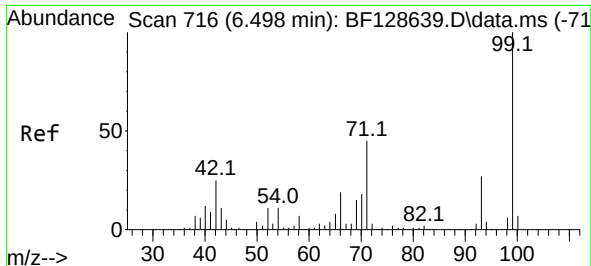
Tgt Ion:152 Resp: 64669  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 123.7 185.5  
 115 63.9 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 104.868 ng  
 RT: 5.445 min Scan# 537  
 Delta R.T. -0.012 min  
 Lab File: BF128766.D  
 Acq: 10 Jun 2022 18:46

Tgt Ion:112 Resp: 425763  
 Ion Ratio Lower Upper  
 112 100  
 64 68.0 53.3 79.9  
 63 37.7 28.0 42.0

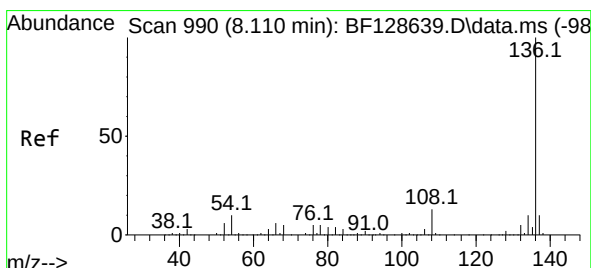
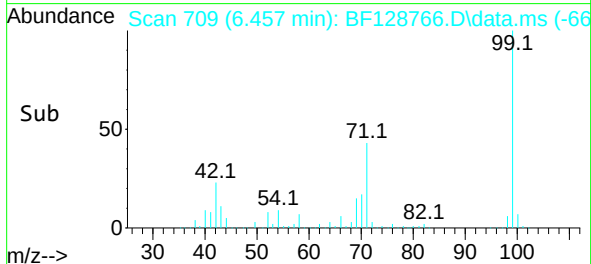
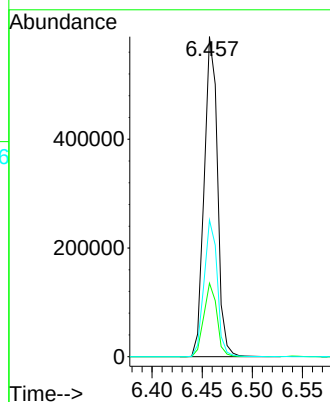
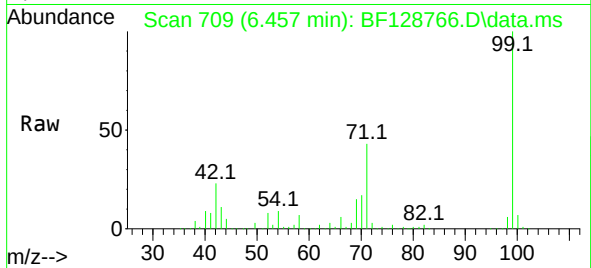




#7  
Phenol-d6  
Concen: 110.409 ng  
RT: 6.457 min Scan# 709  
Delta R.T. -0.024 min  
Lab File: BF128766.D  
Acq: 10 Jun 2022 18:46

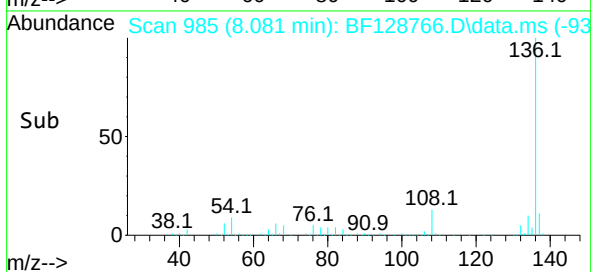
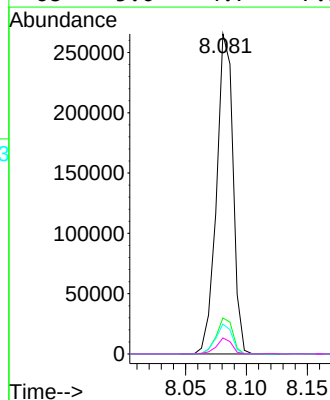
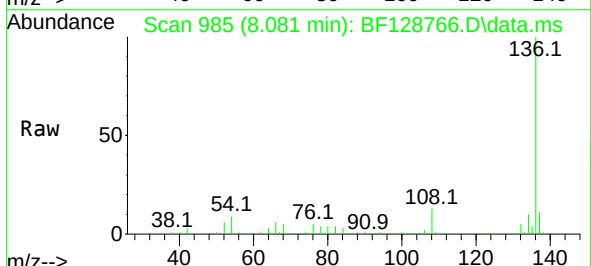
Instrument :  
BNA\_F  
ClientSampleId :  
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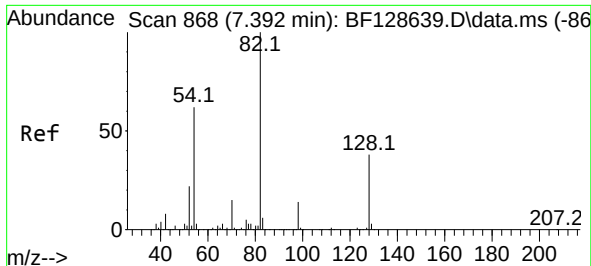
Tgt Ion: 99 Resp: 547178  
Ion Ratio Lower Upper  
99 100  
42 23.0 17.3 25.9  
71 42.7 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 985  
Delta R.T. -0.018 min  
Lab File: BF128766.D  
Acq: 10 Jun 2022 18:46

Tgt Ion: 136 Resp: 251619  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 9.4 7.5 11.3  
68 5.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 71.971 ng

RT: 7.363 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF128766.D

Acq: 10 Jun 2022 18:46

Instrument :

BNA\_F

ClientSampleId :

129

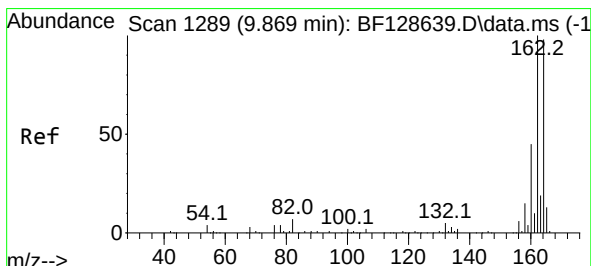
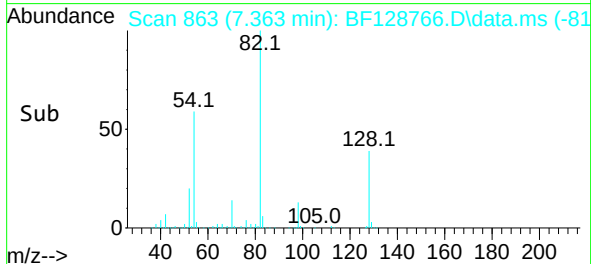
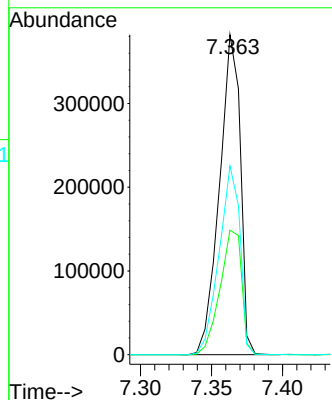
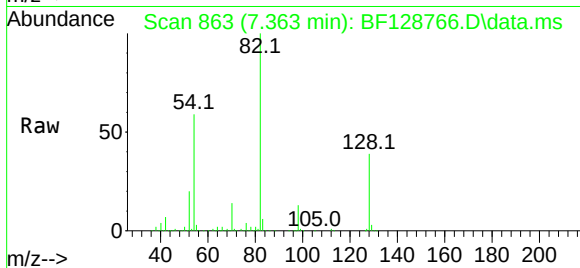
Tgt Ion: 82 Resp: 388959

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 59.0 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.018 min

Lab File: BF128766.D

Acq: 10 Jun 2022 18:46

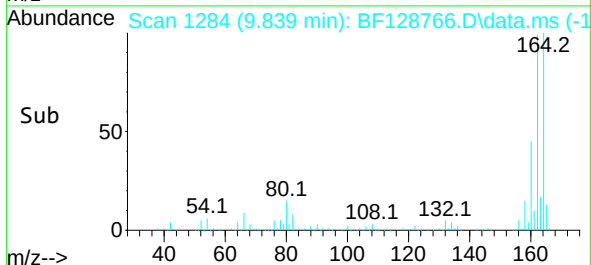
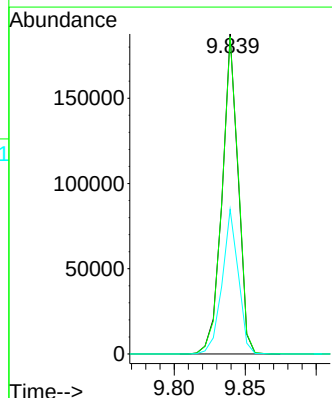
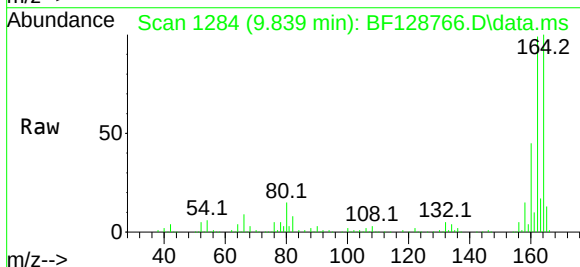
Tgt Ion:164 Resp: 146601

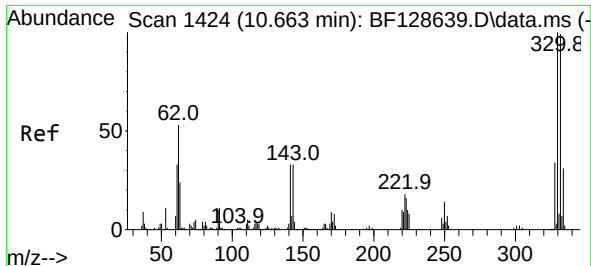
Ion Ratio Lower Upper

164 100

162 99.1 79.5 119.3

160 45.2 34.2 51.4

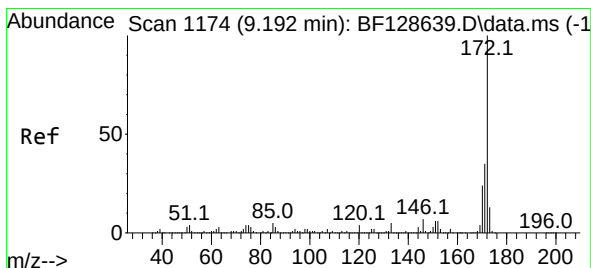
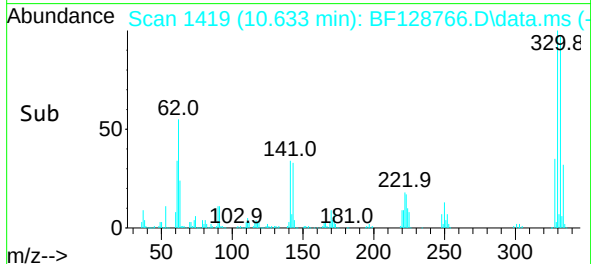
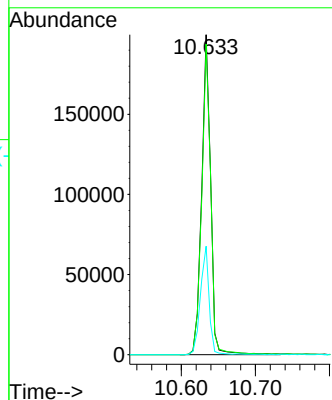
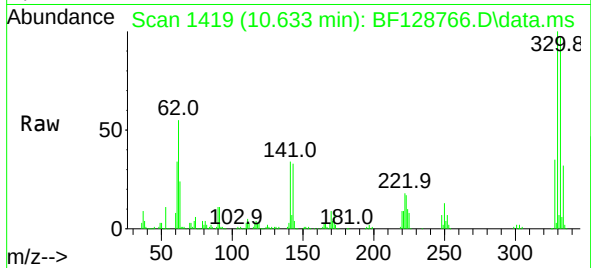




#42  
2,4,6-Tribromophenol  
Concen: 96.950 ng  
RT: 10.633 min Scan# 1424  
Delta R.T. -0.018 min  
Lab File: BF128766.D  
Acq: 10 Jun 2022 18:46

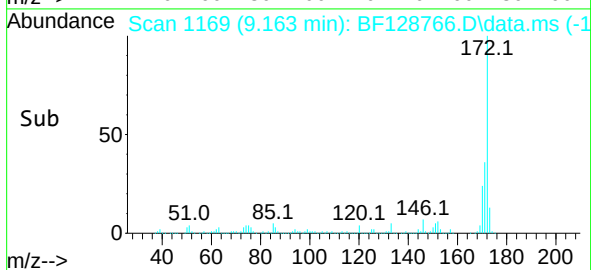
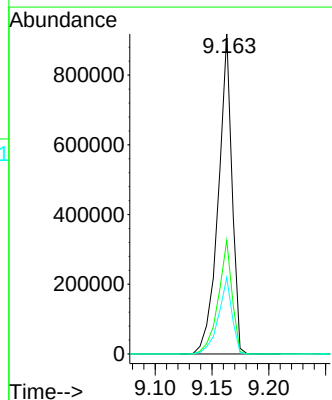
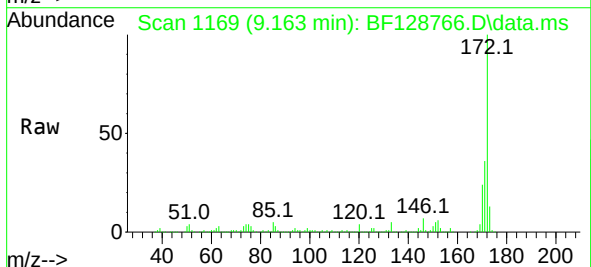
Instrument :  
BNA\_F  
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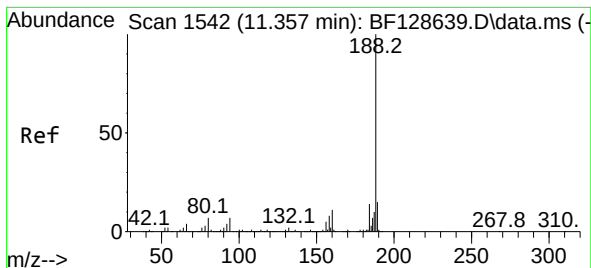
Tgt Ion:330 Resp: 167934  
Ion Ratio Lower Upper  
330 100  
332 97.7 76.8 115.2  
141 33.4 28.0 42.0



#45  
2-Fluorobiphenyl  
Concen: 73.746 ng  
RT: 9.163 min Scan# 1169  
Delta R.T. -0.012 min  
Lab File: BF128766.D  
Acq: 10 Jun 2022 18:46

Tgt Ion:172 Resp: 771791  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.8 43.2  
170 23.9 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128766.D

Acq: 10 Jun 2022 18:46

Instrument :

BNA\_F

ClientSampleId :

129

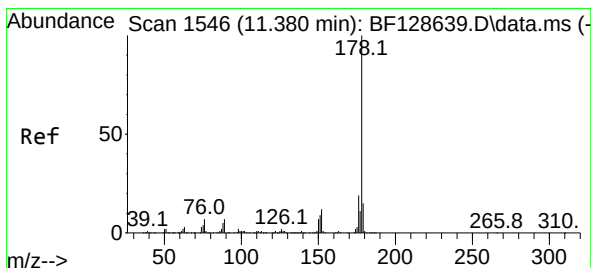
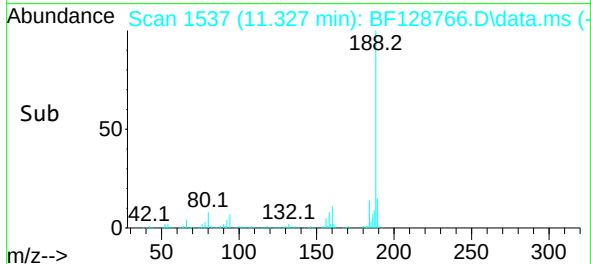
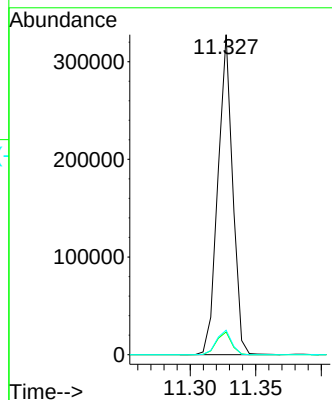
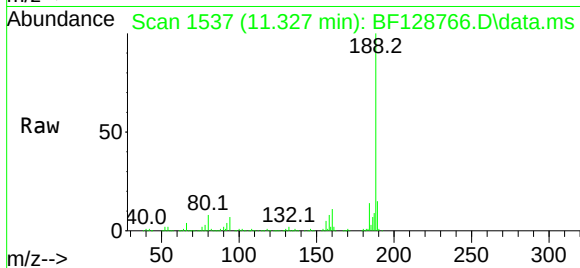
Tgt Ion:188 Resp: 255244

Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.6

80 7.7 7.6 11.4



#71

Phenanthrene

Concen: 2.074 ng

RT: 11.351 min Scan# 1541

Delta R.T. -0.018 min

Lab File: BF128766.D

Acq: 10 Jun 2022 18:46

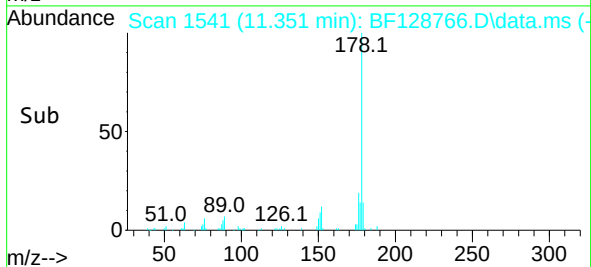
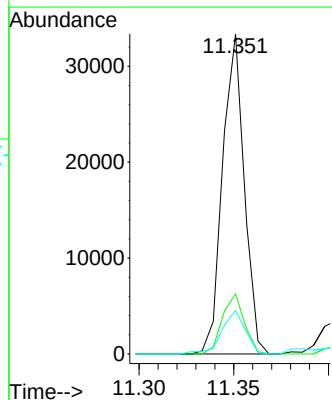
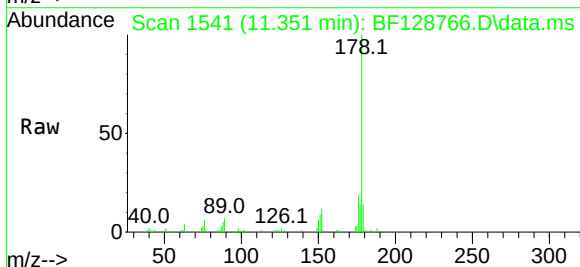
Tgt Ion:178 Resp: 26553

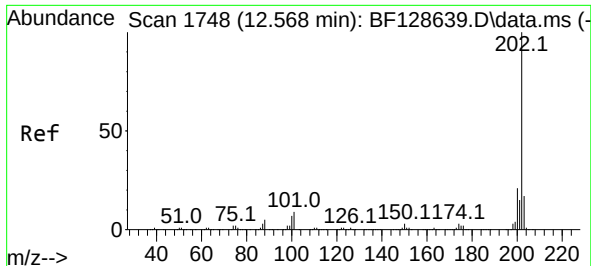
Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

179 13.6 12.6 19.0

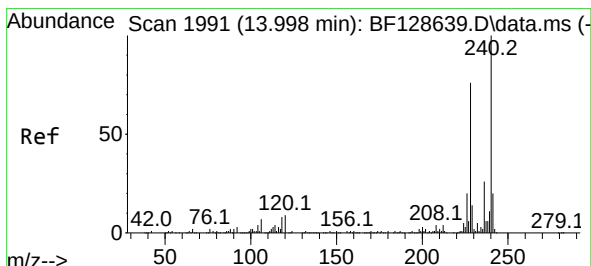
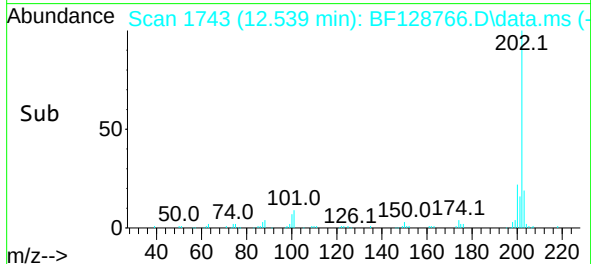
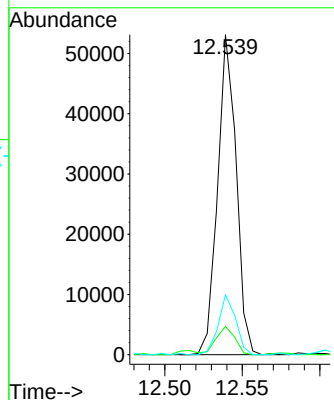
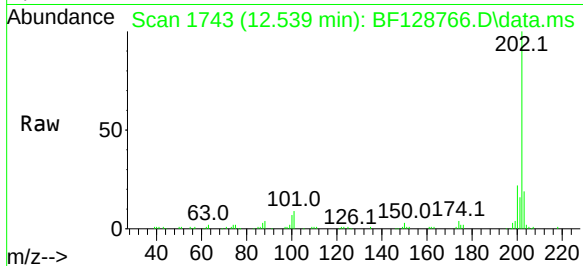




#75  
Fluoranthene  
Concen: 3.312 ng  
RT: 12.539 min Scan# 1129  
Delta R.T. -0.018 min  
Lab File: BF128766.D  
Acq: 10 Jun 2022 18:46

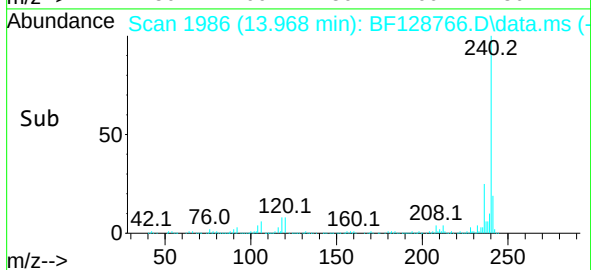
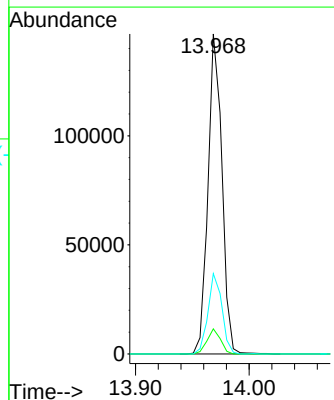
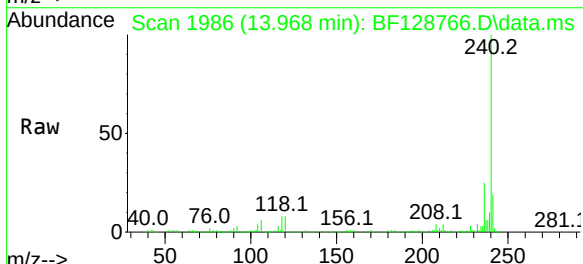
Instrument :  
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Tgt Ion:202 Resp: 44320  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 31.4  
203 18.7 0.0 38.0

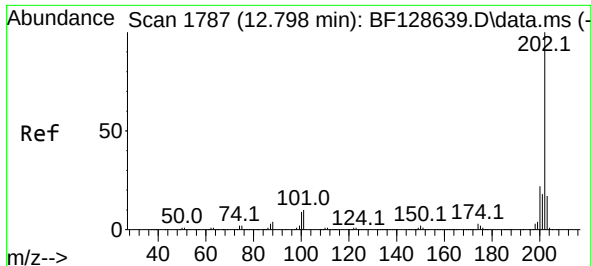


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 1986  
Delta R.T. -0.018 min  
Lab File: BF128766.D  
Acq: 10 Jun 2022 18:46

Tgt Ion:240 Resp: 124726  
Ion Ratio Lower Upper  
240 100  
120 7.9 8.9 13.3#  
236 25.1 20.8 31.2



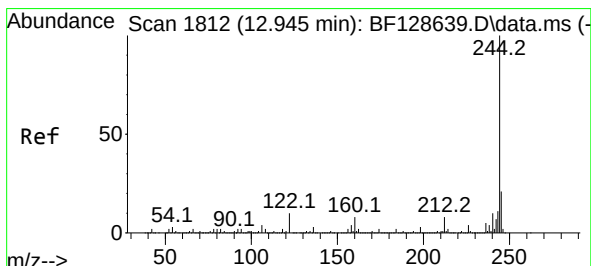
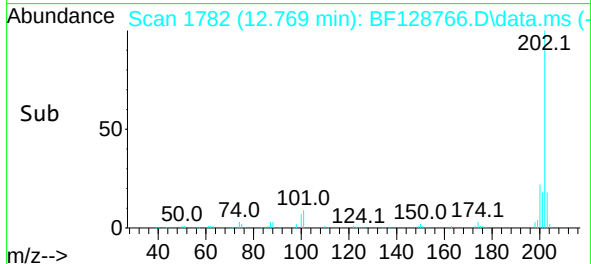
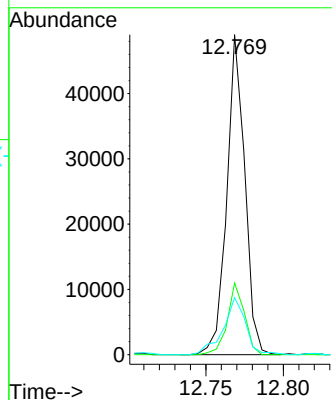
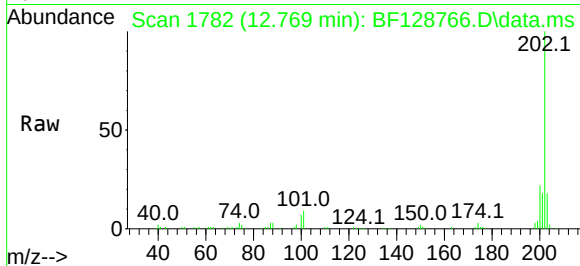




#78  
Pyrene  
Concen: 4.261 ng  
RT: 12.769 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF128766.D  
Acq: 10 Jun 2022 18:46

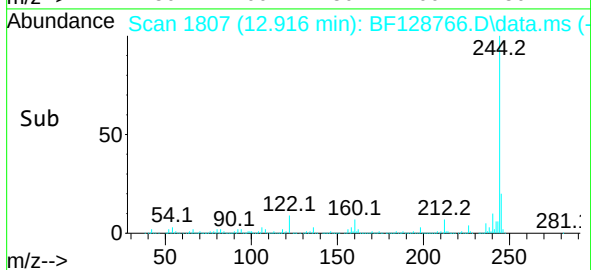
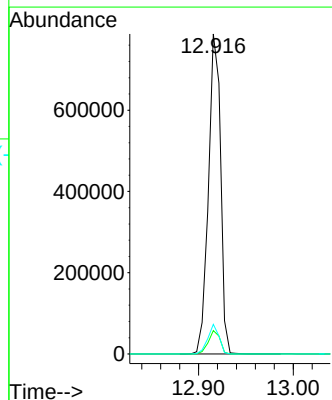
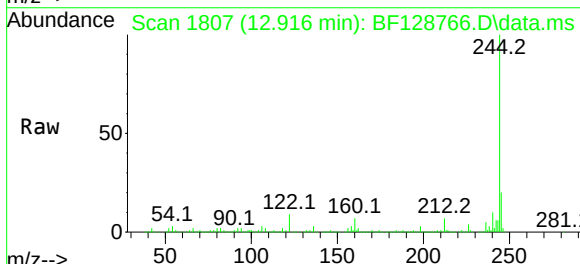
Instrument :  
BNA\_F  
ClientSampleId :  
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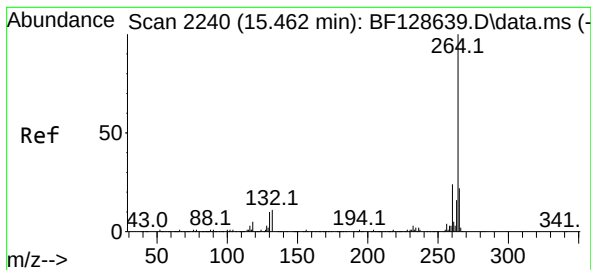
Tgt Ion:202 Resp: 39536  
Ion Ratio Lower Upper  
202 100  
200 22.4 17.7 26.5  
203 17.9 14.6 21.8



#79  
Terphenyl-d14  
Concen: 97.244 ng  
RT: 12.916 min Scan# 1807  
Delta R.T. -0.018 min  
Lab File: BF128766.D  
Acq: 10 Jun 2022 18:46

Tgt Ion:244 Resp: 698012  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.1 9.1  
122 9.3 8.8 13.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.433 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF128766.D  
 Acq: 10 Jun 2022 18:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 129

Tgt Ion:264 Resp: 137686  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.4 27.6  
 265 20.9 17.2 25.8

